

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Ralph E. Gosney

GENERAL INFORMATION:

| | |
|----------------------------|--|
| Name: | Blue Grass Cooperage Company |
| Address: | P.O. Box 225, Albany, KY 42602 |
| Date application received: | February 1, 2002, February 13, 2004, and March 9, 2004 |
| SIC/Source description: | 2429 |
| EIS #: | 21-053-00015 |
| Application log number: | 54410 |
| Agency Interest Number: | 855 |
| Permit number: | F-04-009 |

APPLICATION TYPE/PERMIT ACTIVITY:

| | |
|--|---|
| <input checked="" type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input checked="" type="checkbox"/> Conditional major |
| <input type="checkbox"/> Administrative | <input type="checkbox"/> Title V |
| <input type="checkbox"/> Minor | <input type="checkbox"/> Synthetic minor |
| <input type="checkbox"/> Significant | <input checked="" type="checkbox"/> Operating |
| <input type="checkbox"/> Permit renewal | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

| | |
|---|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

| | | |
|--|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |
| <input type="checkbox"/> Netted out of PSD/NSR | <input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b) | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

| Pollutant | Controlled Total (tpy) w/fugitives | Potential (tpy) |
|------------------|---------------------------------------|-----------------|
| HAPs | 2.6 | 2.6 |
| NO _x | 8.0 | 8.0 |
| PM ₁₀ | 82.7 | 76.4 |
| PT | 150 | 94 |
| SO ₂ | 0.9 | 0.9 |
| VOC | 15.4 | 15.4 |

SOURCE PROCESS DESCRIPTION:

The plant receives white oak logs, produces rough sawn staves for wood barrel manufacturing, and has a wood-fired boiler that combusts the sawdust generated by the wood working equipment in the plant. The steam from the boiler is used to provide heat to the six stave curing kilns.

EMISSION AND OPERATING CAPS DESCRIPTION:

Blue Grass Cooperage Company has elected to accept federally-enforceable emission limitation of less than 90 tons per year at this facility for particulate matter less than 10 microns (PM₁₀), to preclude the applicability of 40 CFR Part 70 and 401 KAR 52:020. The source shall limit the throughput of logs processed at the facility to less than or equal to 50 tons/hr for compliance demonstration, which equates to 76.4 tons per year of PM₁₀.